IndigoVision

HD Ultra X Minidome Camera

Capture every detail with ultra-high resolution

With best in class performance, the IndigoVision HD Ultra X Minidome Camera delivers rich, Full HD video and image clarity, in all lighting conditions. IndigoVision's SMART.core™ technology gives highly optimised H.265 compression and ACF, reducing storage costs by up to 95%.

Key Features

SENSOR

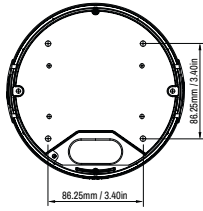| HD | Day/Night | Low Light | WDR |

COMPRESSION

| H.265 | H.264 | UP TO 30fps | AAC | G.711 |

INTELLIGENCE

| ACF | Motion Detection |

OTHER

| DNA | PoE | Onvif | CyberVigilant® | NDAA |

PHYSICAL

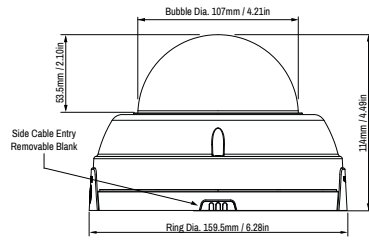| Outdoor | IK10 | Low Temp | High Temp | IR |

Product Codes

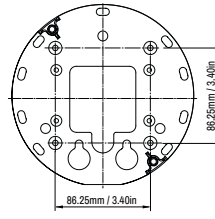| UX3420 HD Ultra X Minidome Cameras	Product Codes
HD Ultra X Internal Minidome, Standard Lens	710420
HD Ultra X Internal Minidome, Telephoto Lens	710421
HD Ultra X Vandal Resistant Minidome, Standard Lens	710462
HD Ultra X Vandal Resistant Minidome, Telephoto Lens	710463

Dimensions: Internal
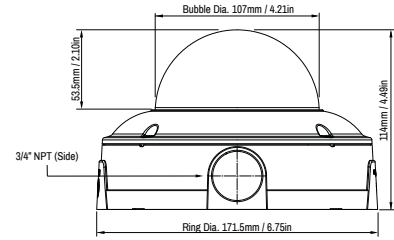

Hole Mounting Pattern

View on Side Face

Dimensions: Vandal Resistant

Hole Mounting Pattern

View on Side Face

Specification

Camera Features	Standard Lens	Telephoto Lens
Sensor	1/2.8" Progressive CMOS	
Active Pixels (HxV)	HD (1920x1080)	
Minimum Sensitivity	Day: 0.02 Lux (colour). Night: 0 Lux (IR on). 30IRE, F1.4, 1/30s shutter	
Dynamic Range	WDR 120dB Max	
Gain Control	Auto/Manual	
Wide Dynamic Range	On/Off	
White Balance Mode	Auto/2800K/4000K/5000K/6500K/7500K/Fluorescent/Fluorescent_H/Underwater/Manual	
Day/Night	True Day/Night with Mechanical IR Cut Filter	
IR Illuminator	Built-in IR Illuminator 850nm wavelength, effective distance >25m	
Video Resolution	1920x1080 pixels(HD); 1280x720 pixels (720p); 800x600 (SVGA); 704x576 pixels and 704x480 (D1); 352x288 pixels and 352x240 pixels (SIF)	
Signal/Noise Level	50dB	
Lens Options	2.8mm - 12mm, Horizontal view angle 96° (W) 35° (T), F1.4, Vari-focal, Remote Zoom/Focus	7mm - 22mm, Horizontal view angle 40° (W) 18° (T), F1.4, Vari-focal, Remote Zoom/Focus
Zoom	4x optical	3x optical
Iris Control	P-Iris	
Shutter	Rolling; Auto from 1/15 - 1/32,000 sec, Anti-Flicker, Slow Shutter (1/2,1/3,1/5,1/6,1/7.5,1/10)	
Exposure Control	Auto/Manual	
Gimbal Adjustment	3 axis adjustment	
Video Compression	Full frame rate, full colour: H.265/H.264/MJPEG; up to 30fps	
Video Bit Rate	User-configurable bit rates from 100Kbps up to 10Mbps	
Privacy Zones	16 User Defined	
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to eight 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections	
Video Multi-Encoder	Up to two simultaneous resolutions with guaranteed frame rate including: up to 1080p (30fps), 720p (30fps), D1 (30fps), SIF (30fps)	
Video Analytics	ACF, Motion Detection	
Audio Compression	G.711Mu/AAC	
Audio Bit Rate	64Kbps per channel	
Audio Encoder	1 Stream Configuration for Main and Sub streams	
Audio Resolution	Full Duplex, G.711: 8kHz, AAC: 8kHz, 16kHz & 48kHz. Mono input, Mono Output	
Audio Input	Line in, terminal block connector	
Audio Output	Line out, terminal block connector	
Binary Input/Output	1 input; 1 output	
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, IPv4, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, DHCP	
Network Security	HTTPS, CyberVigilant®, IEEE 802.1x	
CyberVigilant® Technology	Yes	
Time	Embedded real-time clock, SNTP client	
SD Storage	microSDXC upto 128GB support (card not included)*	
Dimension/Weight	Internal: 159.5mm (dia) x 114mm (h) and 0.85Kg / 6.28in (dia) x 4.49in (h) and 1.87lb Vandal Resistant: 171.5mm (dia) x 114mm (h) and 1.1Kg / 6.75in (dia) x 4.49in (h) and 2.43lb	
Regulatory	EN55032, EN50130-4 , EN55035, EN61000-3-2, EN61000-3-3, CFR47 part 15 Subpart B, UL60950-1, EN60068-2-6, EN60068-2-64, EN60068-2-27, EN60068-2-1, EN60068-2-2, EN60068-2-30, EN60529, EN62262	
Housing	Internal: Polycarbonate/ABS with polycarbonate dome Vandal Resistant: Diecast aluminium alloy with polycarbonate dome	
Protection Rating	Internal: N/A Vandal Resistant: IP66, IK10	
Electrical	PoE (802.3af Class 3) or 12V DC @ 0.63A; 7.6W Max Power supply ordered separately (Product code: 110068/130176)	
Operating Temperature	Internal: -10°C to 50°C / 14°F to 122°F Vandal Resistant: -40°C to 50°C / -40°F to 122°F	
Cold Start	Internal: -10°C / 14°F Vandal Resistant: -40°C / -40°F	
IndigoVision Software Requirements	Control Center v16.0.1 or later	
Supported Internet Browsers	Internet Explorer v11.0 or later	
ONVIF	Profile S	
NDAA	This product is compliant with the National Defense Authorization Act (NDAA). Section 889 of the NDAA prohibits the U.S. government from procuring video and telecommunications equipment from certain Chinese companies and their subsidiaries.	

* SDCard Storage independent of IndigoVision's NVRs

Note: Specifications are correct at the datasheet date of issue and are subject to change without prior notice.